

Inside Earth

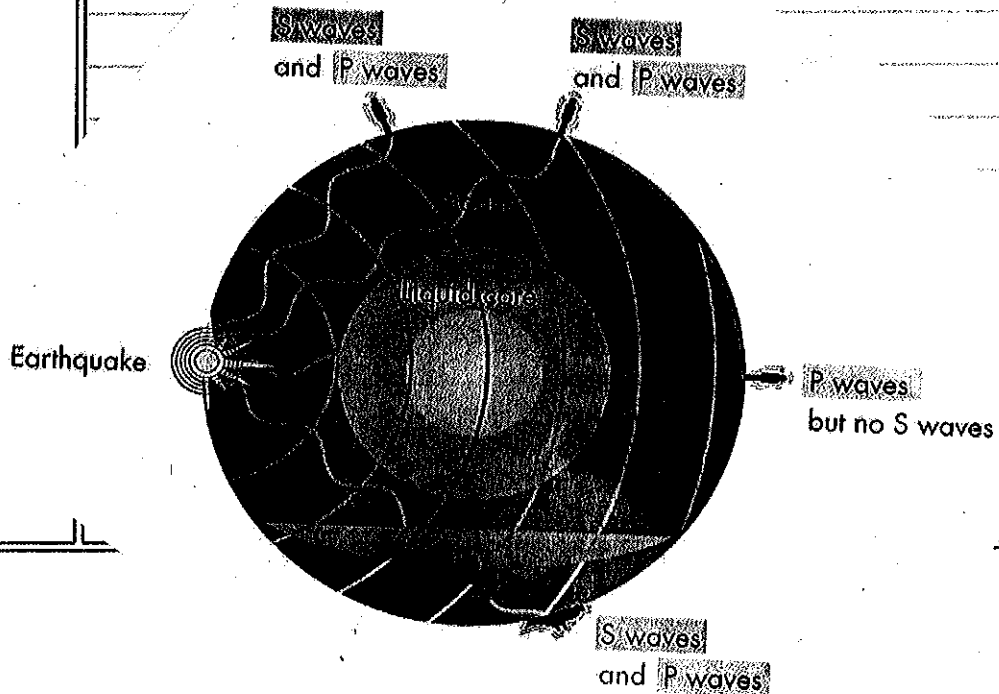
Geologists use _____ main types of evidence to learn about Earth's interior.

1.

*
*
*

2.

*
*



Layers of the Earth

- 1.
- 2.
- 3.

Differences of each layer

*

*

*

*

The Crust

*

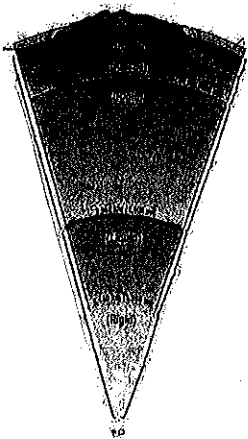
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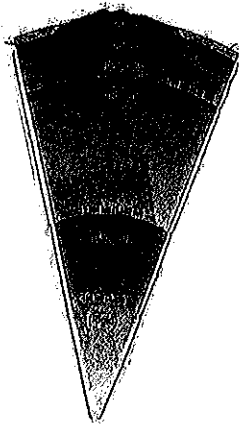
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Two types

- 1.

- 2.





The Mantle

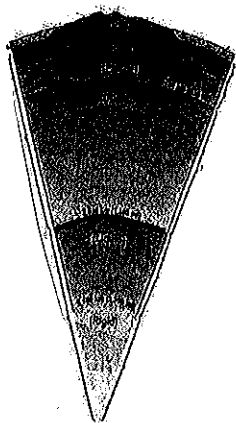
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*
*

3 layers

1.

2.

3.



The Core

*
*
*

2 layers

1.

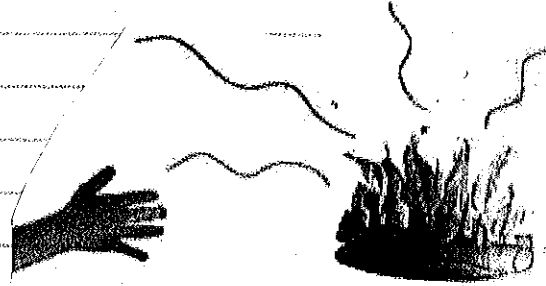
2.

Convection & the Mantle

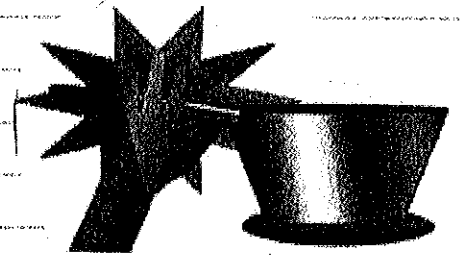
Types of Heat Transfer



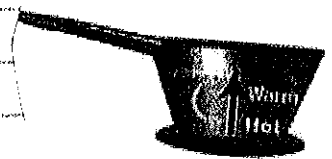
1.



2.



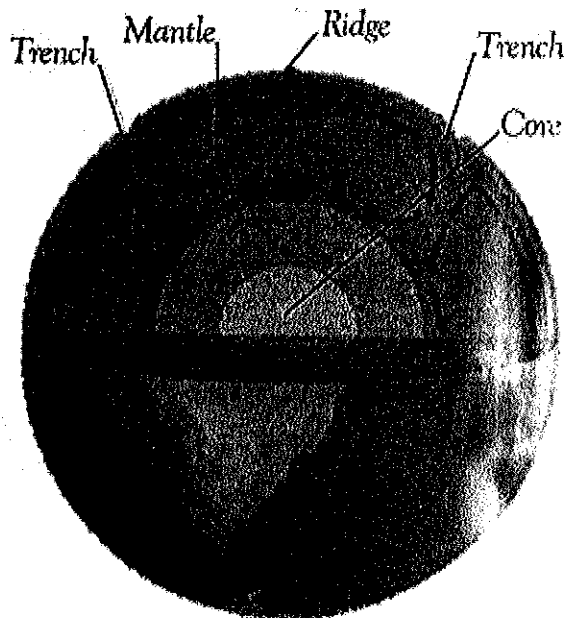
3.



Convection Currents

→ What changes a fluid's density?

Convection in the Earth



Drifting Continents

Theory of Continental Drift

Scientist: _____

Theory: _____

Evidence

1.

*

*

2.

*

*

*

3.

*

*

REJECTED

Sea-Floor Spreading

Scientist: _____

What is it?

Evidence

1.

2.

3.

What is ...

→ Mid-Ocean Ridge

→ Deep Ocean Trench

Plate Tectonics

Theory :

How? :

Plate Boundaries

_____ cm / yr

1.

2.

3.

Type of Boundary	Sketch of Boundary	Direction of Movement	Description/Features	Geological Examples
Diverging				
Transform				
Convergent	Cont. vs Cont			
	Ocean vs Ocean			
	Cont. vs Ocean			